

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011926.D
 Acq On : 17 Jul 2019 21:29
 Operator : SY/MD
 Sample : K3823-16
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52R6

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 9:54:48 AM

Quant Time: Jul 18 04:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:17:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177305	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	138894	10.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	213.40%#
7) Chloroethane-d5	1.58	69	49044	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.14	63	145678	6.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	136.80%#
20) 2-Butanone-d5	4.00	46	149846	45.56	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.12%
24) Chloroform-d	4.41	84	119055	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	63792	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.10	84	246877	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.12	67	81571	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.36	98	218409	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	26570	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	111613	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53337	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	76253	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	8738753	516.223	ug/L	88
12) 1,1-Dichloroethene	2.14	96	142663	15.096	ug/L #	81
13) Acetone	2.19	43	9208	5.517	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	1767755	133.049	ug/L	97
19) 1,1-Dichloroethane	3.23	63	134749	5.379	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	37944881m	2774.100	ug/L	
34) Trichloroethene	5.96	95	10195	0.714	ug/L	97
42) Toluene	7.43	91	41551	0.771	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

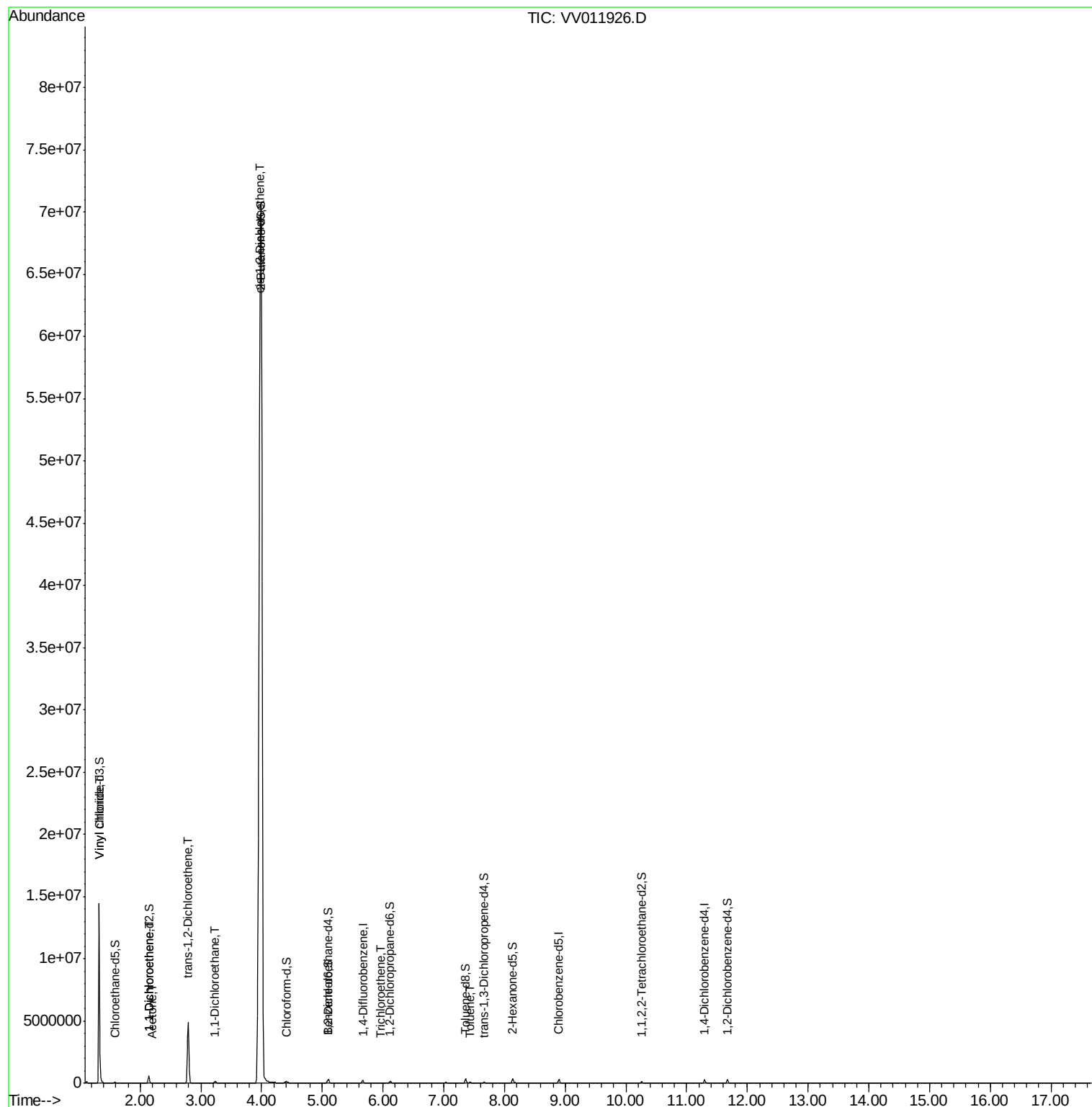
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
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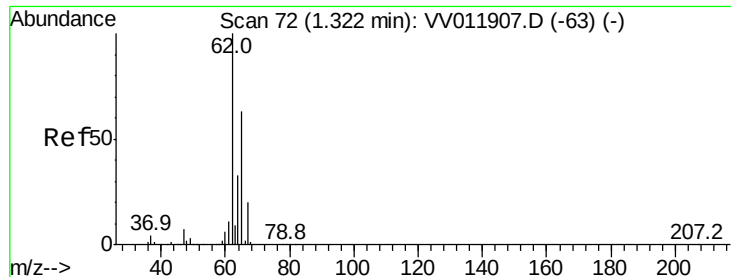
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 516.223 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

Instrument :

MSVOA_V

ClientSampleId :

A52R6

Tot Ion: 62 Resp: 8738753

Ion Ratio Lower Upper

62 100

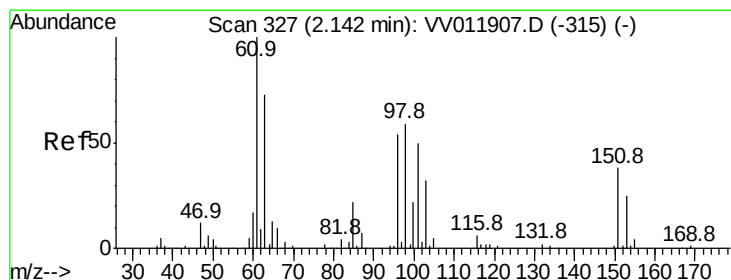
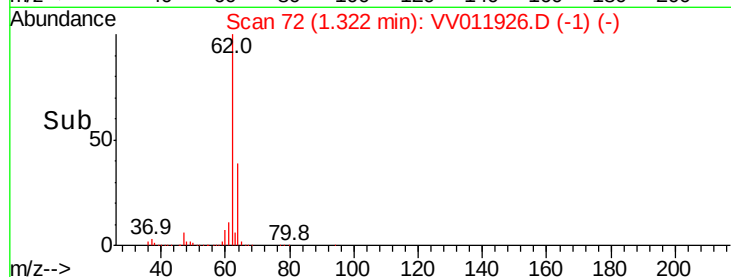
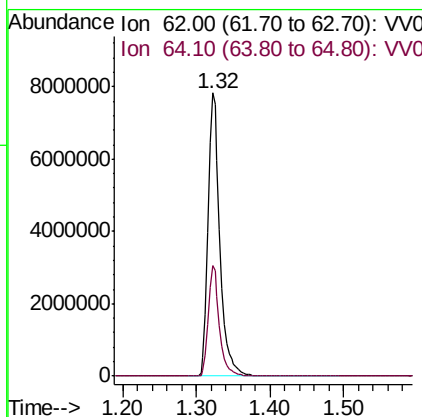
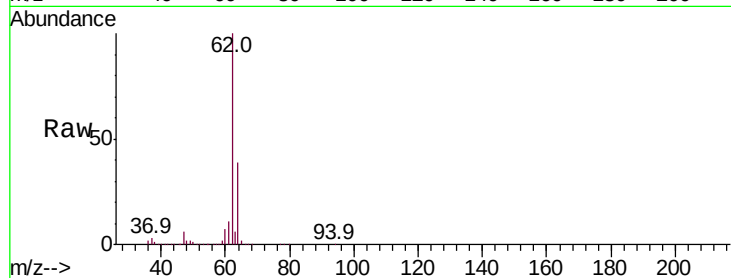
64 39.3 22.9 42.5

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#12

1,1-Dichloroethene

Concen: 15.096 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

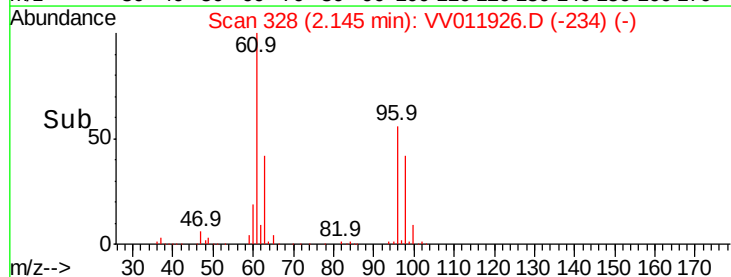
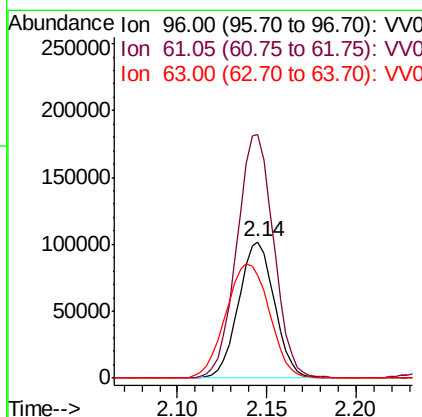
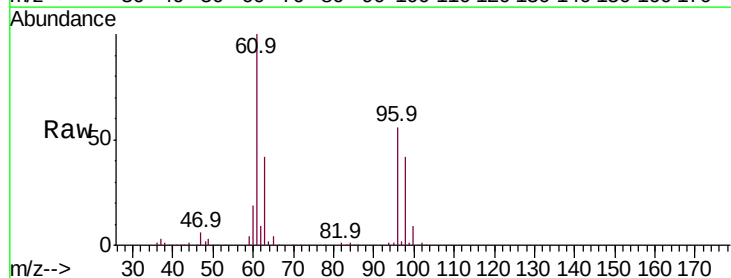
Tgt Ion: 96 Resp: 142663

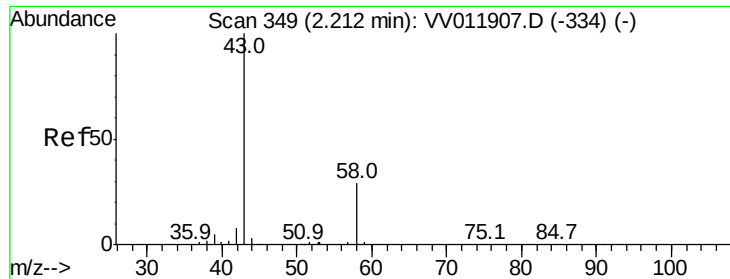
Ion Ratio Lower Upper

96 100

61 178.4 128.9 239.3

63 75.3 85.5 158.9#





#13

Acetone

Concen: 5.517 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

Instrument :

MSVOA_V

ClientSampleId :

A52R6

Tot Ion: 43 Resp: 9208

Ion Ratio Lower Upper

43 100

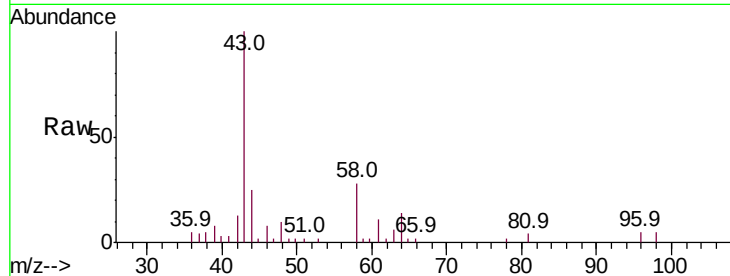
58 27.1 0.0 55.6

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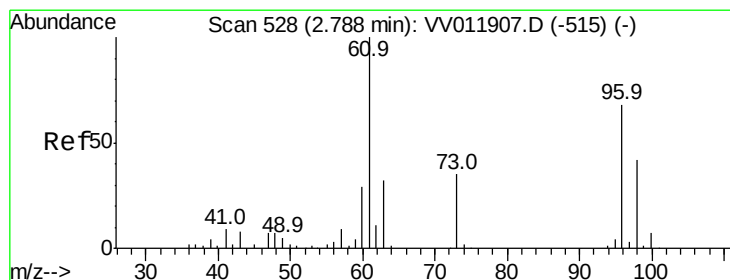
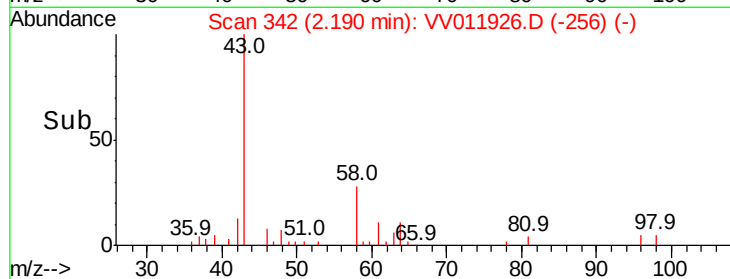
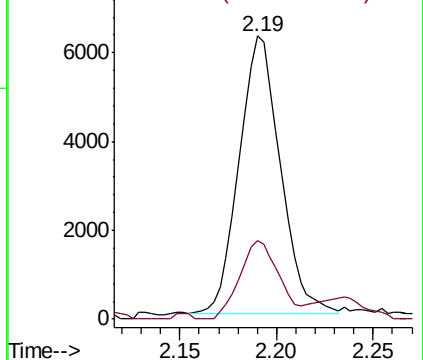
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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 133.049 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

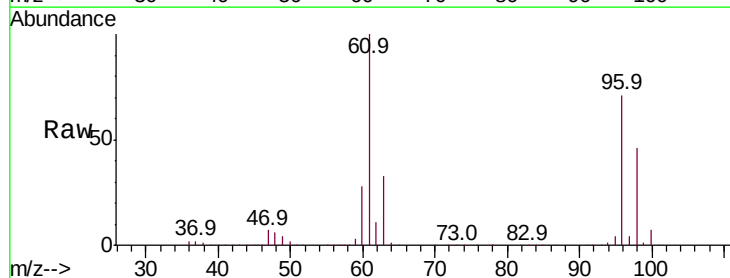
Tgt Ion: 96 Resp: 1767755

Ion Ratio Lower Upper

96 100

61 141.4 102.2 189.8

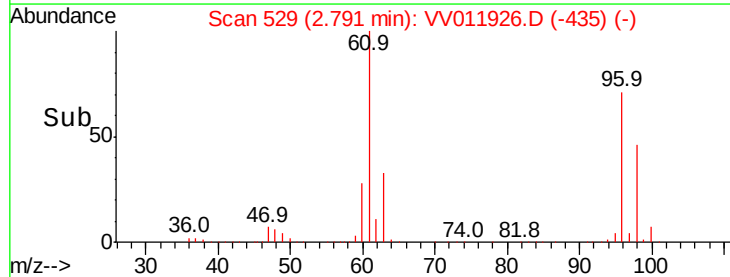
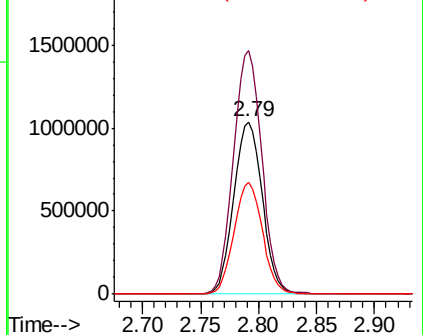
98 64.8 44.4 82.5

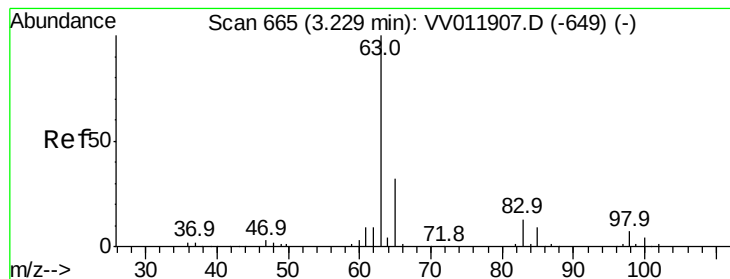


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 5.379 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

Instrument :

MSVOA_V

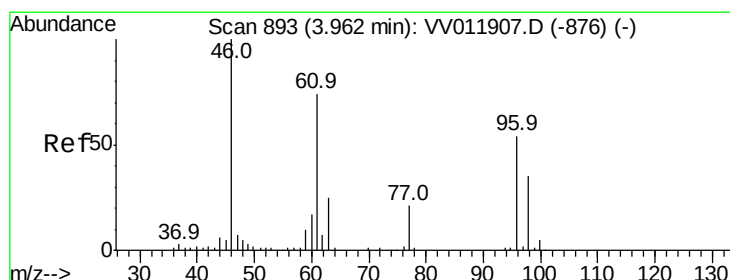
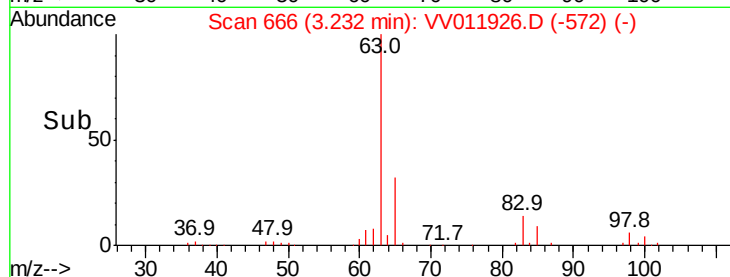
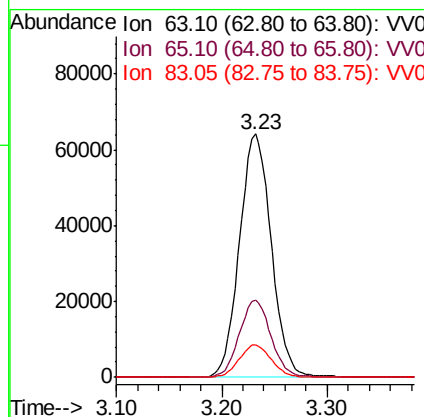
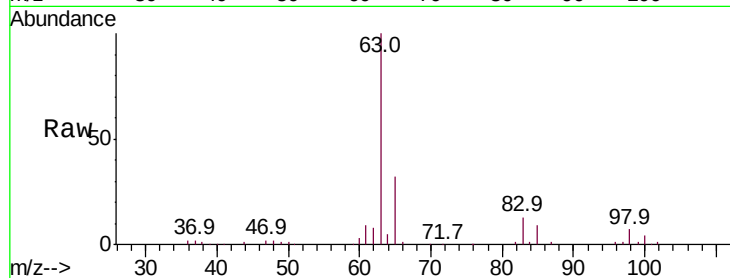
ClientSampleId :

A52R6

Tot Ion:	63	Resp:	134749
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.7	42.3
83	13.5	9.4	17.6

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#22

cis-1,2-Dichloroethene

Concen: 2774.100 ug/L m

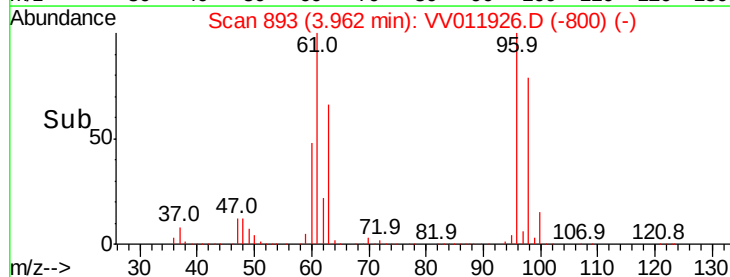
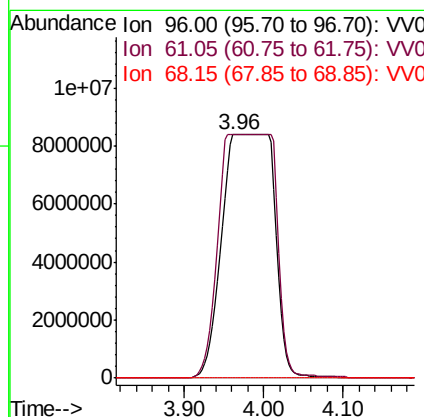
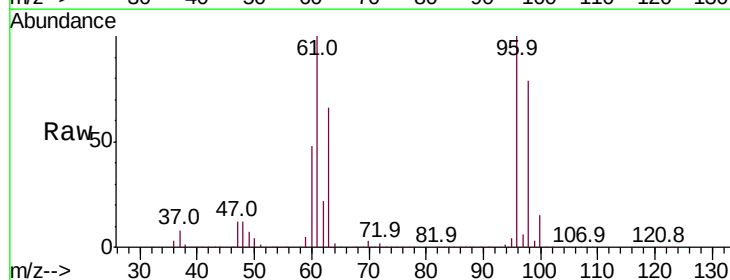
RT: 3.96 min Scan# 893

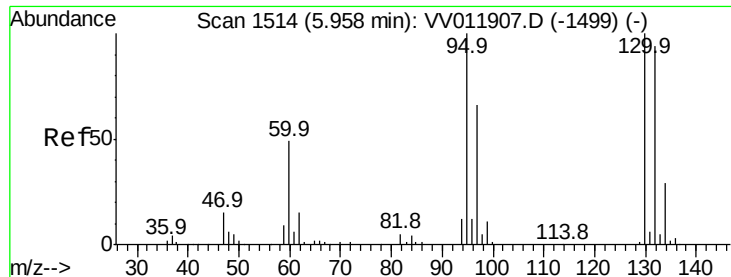
Delta R.T. -0.00 min

Lab File: VV011926.D

Acq: 17 Jul 2019 21:29

Tgt Ion:	96	Resp:	37944881
Ion	Ratio	Lower	Upper
96	100		
61	100.0	95.2	176.8
68	0.0	0.0	0.0





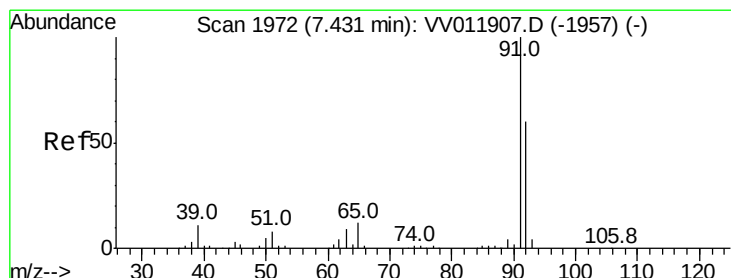
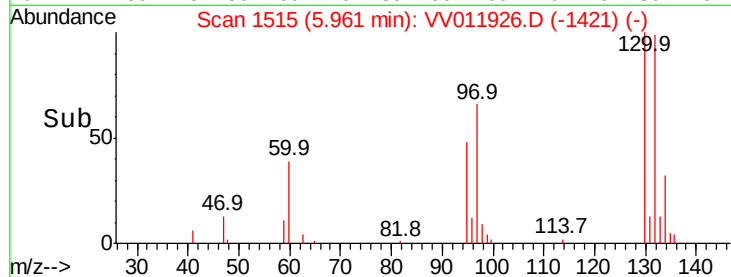
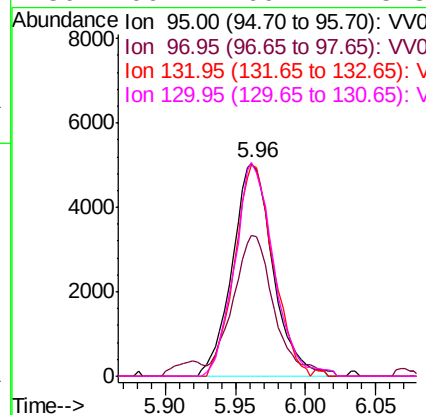
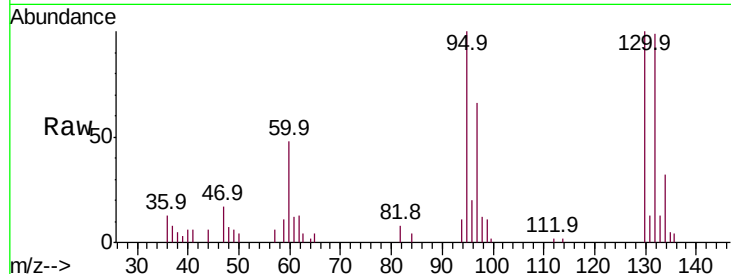
#34
 Trichloroethene
 Concen: 0.714 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV011926.D
 Acq: 17 Jul 2019 21:29

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 MSVOA_V
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Tot Ion	95	Resp	10195
Ion	Ratio	Lower	Upper
95	100		
97	66.4	44.0	81.6
132	99.5	67.0	124.4
130	100.4	69.1	128.3

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#42
 Toluene
 Concen: 0.771 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011926.D
 Acq: 17 Jul 2019 21:29

Tgt Ion	91	Resp	41551
Ion	Ratio	Lower	Upper
91	100		
92	59.8	41.1	76.3

